SWP Water Quality Summary

February 13, 2001

Automated Station Data

Automated sampling stations provide real time data by continuously measuring water quality conditions in the Aqueduct.

Water Quality Parameter 1/16/01 to 2/13/01		NBA at Barker Slough PP KG000000	Harvey O. Banks Pumping Plant KA000331	Check 13 at O'Neill Forebay Outlet KA007089	Check 29 Near Highway 119 KA024454	MWD Pipeline at Castaic Lake CA000000	Devil Canyon Power Plant KA041288
Turbidity (NTU)	average	27	15	10	4	1.0	2
	maximum	47	46	21	6	1.6	3
	minimum	18	7	7	3	0.7	1
Conductivity	average	370	585	625	514	455	566
(microSiemens/cm)	maximum	460	702	713	554	458	711
	minimum	322	450	525	449	449	542
Calculated TDS (mg/l)	average	218	331	356	297	272	323
	maximum	269	397	405	320	274	403
	minimum	190	255	299	260	268	310

Grab Sample Data of Special Interest

Laboratory analyses of water quality constituents, including inorganic compounds, are conducted from monthly water quality samples collected throughout the SWP.

Water Quality Parameter January 2001 [1]	units	objectives	Barker Slough Pumping Plant	Harvey O. Banks Pumping Plant	Check 13 at O'Neill Forebay Outlet	Check 29 Near Highway 119	Devil Canyon Power Plant
Bromide	mg/l	0.05 [3]	0.04	0.39	0.4	0.41	0.32
Hardness	mg/l	180/110 [5]	111	127	139	127	108
Total Alkalinity	mg/l as $caco_3$	none	101	79	87	81	76
Total Organic Carbon [2]	mg/l	3.0 [3]	4.5	4.6	4.0	3.7	3.0
Total Dissolved Solids	mg/l	440/220 [5] /150 [4]	234	387	405	378	309

[1] latest analyses available n/a = not available [2] Total Organic Carbon analyzed by wet oxidation method

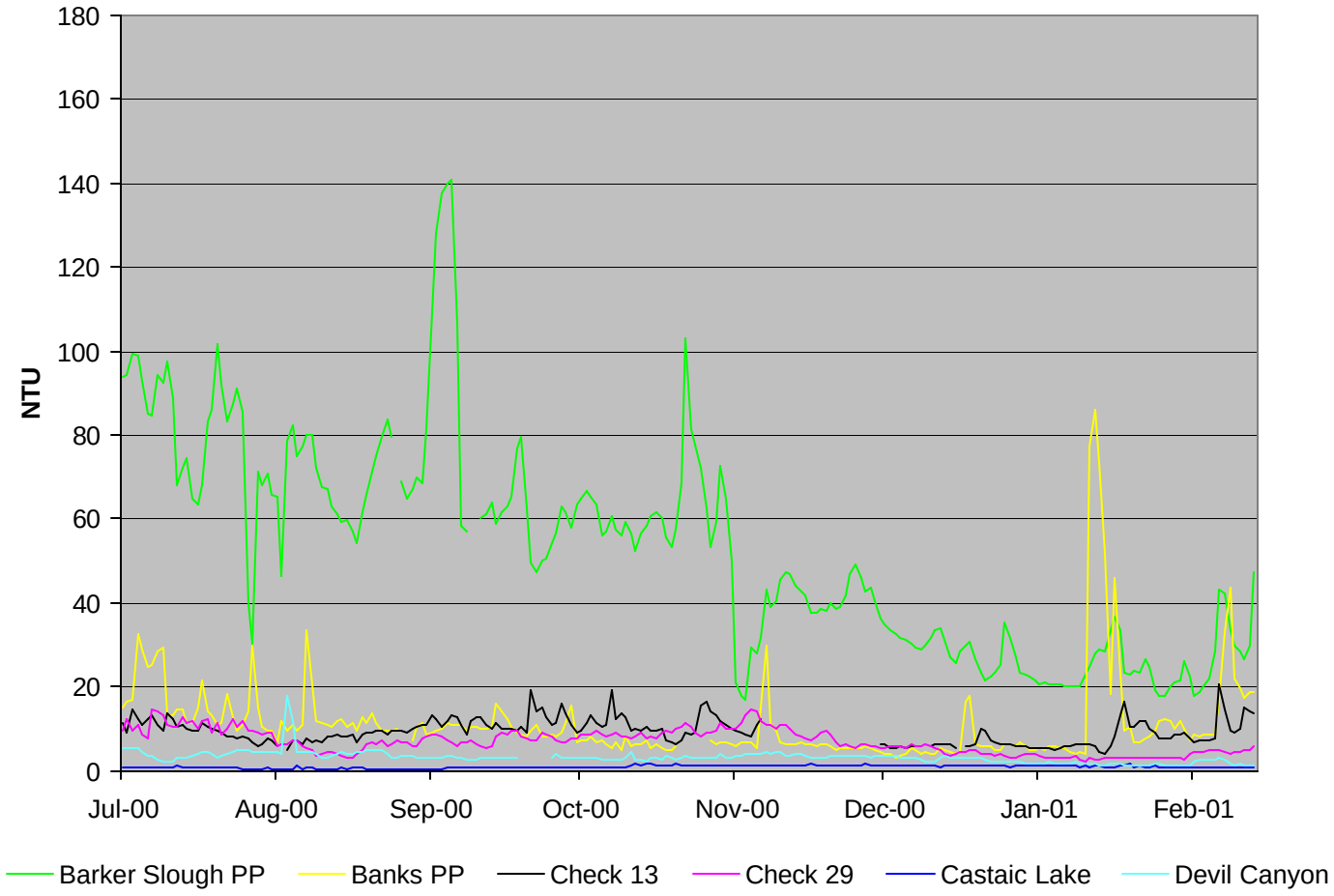
[3] CALFED/CUWA [4] CUWA Proposed [5] Article 19 (monthly/ten year averages)

Water Quality Highlights

- The conversion calculations for the automated station DOC values continue to be updated as new laboratory comparison data becomes available.
- DWR met with SWP contractors on 2/13/01 to refine the proposed water quality criteria for non-project water aqueduct inflow.

For more information refer to: http://wwwomwq.water.ca.gov **and**
http://wwwdpla.water.ca.gov/supply/sampling/mwq/main.htm

Turbidity



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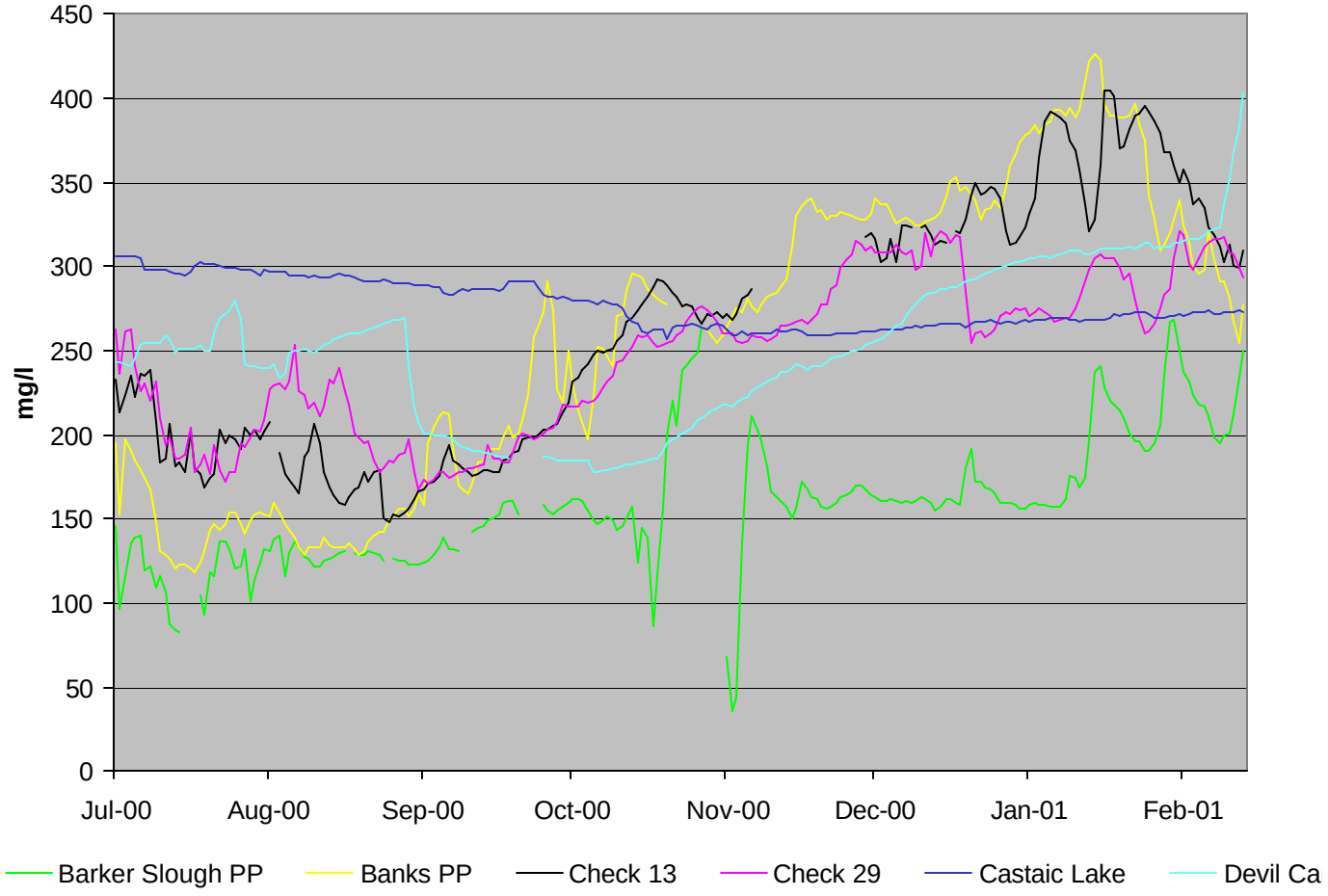
TDS (calculated)



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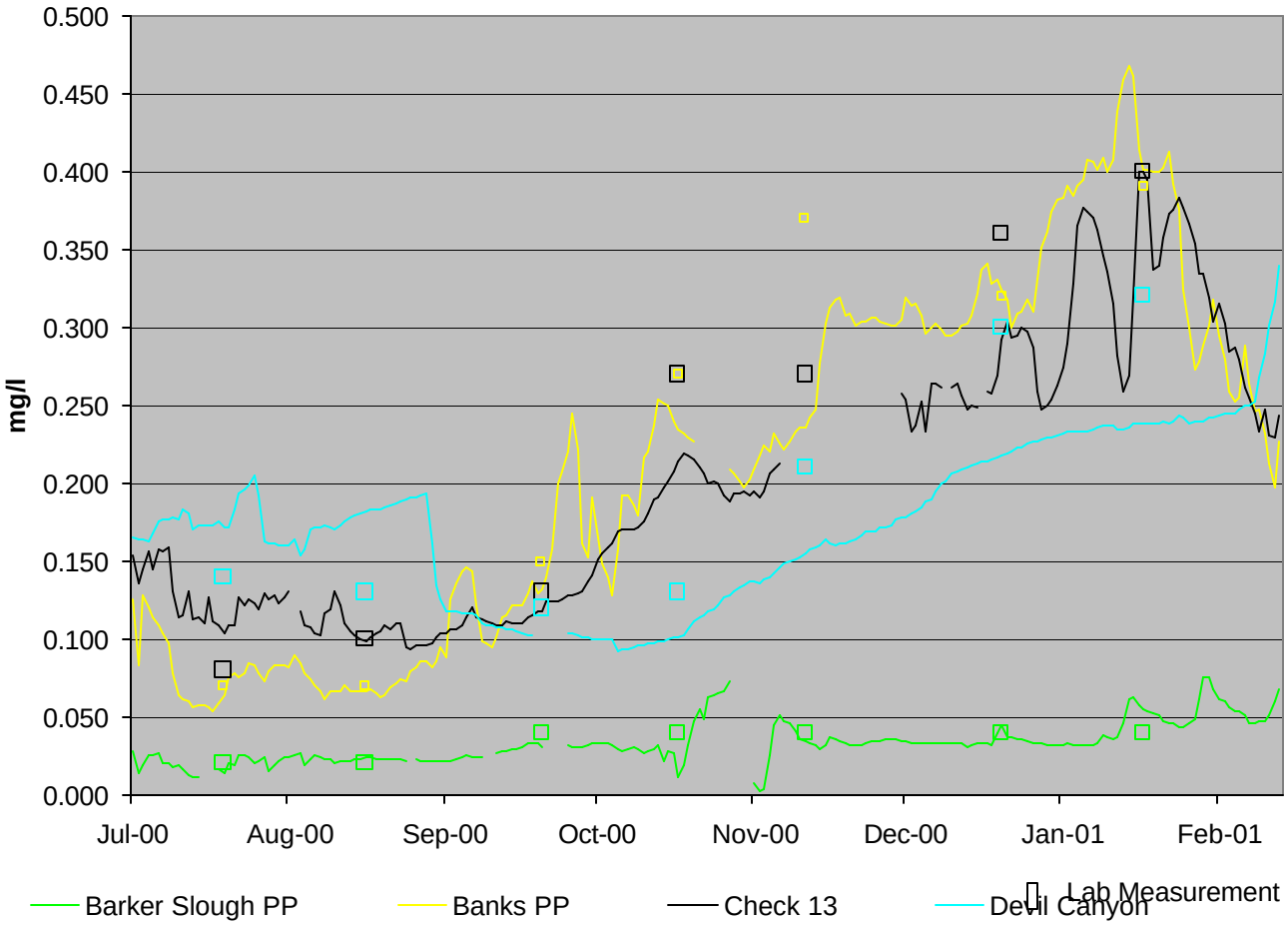
Bromide (calculated)



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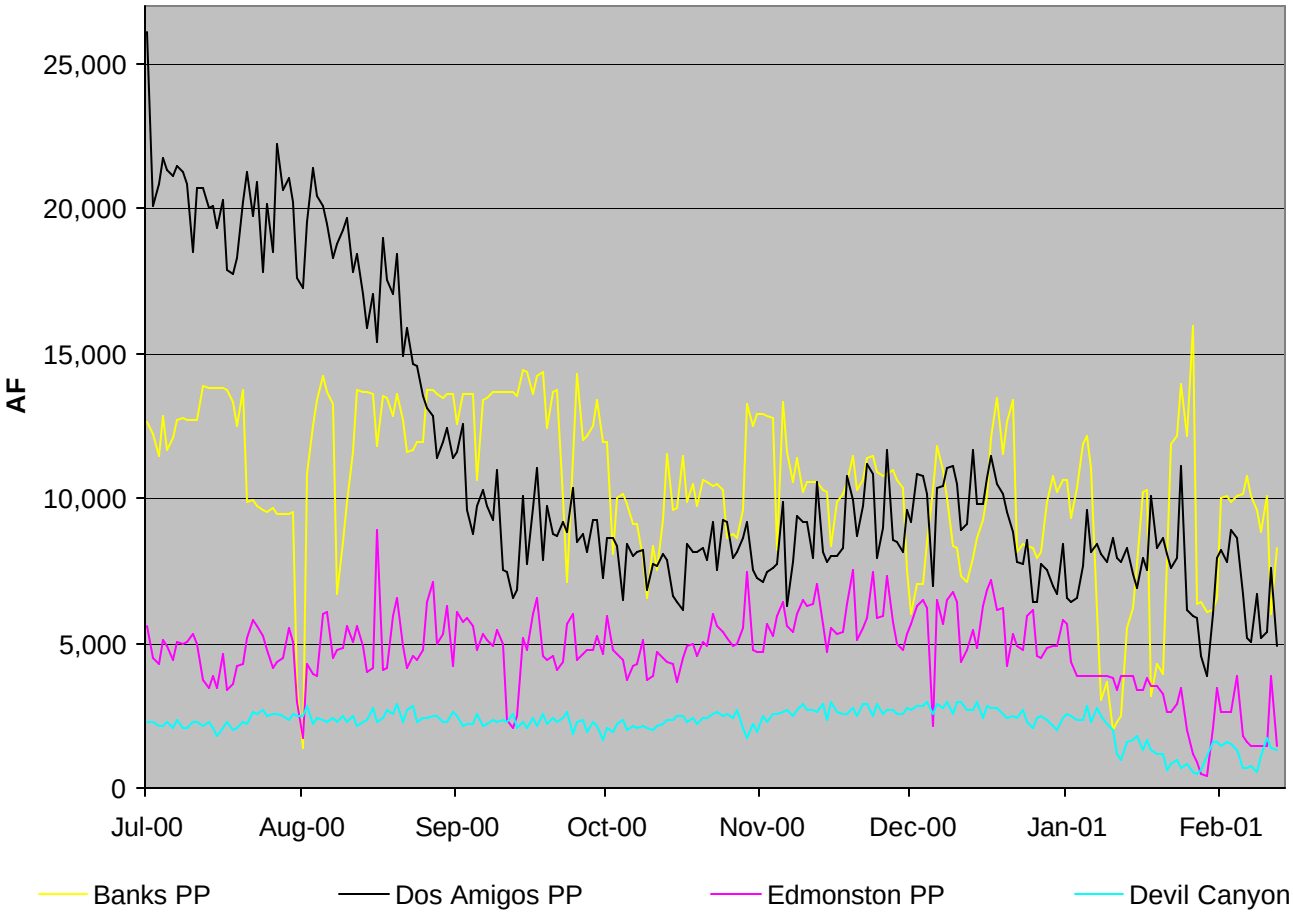
Daily Average Flow



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